

**Listing of the Claims:**

1. (Previously Amended) A biologically pure culture of *Saccharomyces cerevisiae* strain which i) has the capability to maintain a totally floc mode characterized by yeast pellets of 0.1 to 5mm diameter in a fermentation medium, ii) shows a yeast free cell (single or budding double cells) of less than 0.5 g/L with a yeast floc density as high as 100 g/L or higher, and iii) has a limiting osmo-tolerance for ethanol productivity of about 5.0 os/kg.

2. (Previously Amended) A biologically pure culture according to claim 1 which is that of *Saccharomyces cerevisiae* BPSC-15 (NRRL Y-30630).

3. (Original) A biologically pure culture according to claim 2 wherein the organism converts sugars to ethanol at a high rate due to the ability of the organism to maintain a high density of cells in a bio-reactor by virtue of the high settling rate of the flocs.